

## **AMENDMENTS TO THE SPECIFICATION:**

Please replace the Abstract on page 35 with the following amended Abstract:

### **ABSTRACT**

#### **DECORRELATED POWER AMPLIFIER LINEARIZERS**

A linearizer for an amplifier includes an adaptation controller having  $M$  monitor signals as inputs. The controller outputs  $M$  control settings. The adaptation controller determines  $M$  uncorrelated adjustment settings from the  $M$  monitor signal inputs. Using the  $M$  uncorrelated adjustment settings, the controller adjusts the  $M$  control settings for the linearizer.